

Summary of Groundwater Analytical Results  
June 2010  
Honeywell Frankford Plant  
Philadelphia, Pennsylvania

Location Sample Date	Nonuse Aquifer MSCs	USEPA RBCs	MW-102 06/16/10	MW-104 06/16/10	MW-105 06/16/10	MW-106 06/16/10	MW-107 06/17/10	MW-108 06/17/10	MW-109 06/17/10	MW-110 06/17/10	MW-112 06/17/10	MW-115 06/16/10	MW-118 06/16/10	MW-118DP 06/17/10	MW-121 06/17/10	MW-122 06/17/10	MW-123 06/17/10	MW-301 06/16/10	MW-303 06/16/10	MW-304 06/16/10	MW-306 06/17/10	FB-061610 06/16/10	FB-061710 06/17/10	TB-061610 06/16/10		
<b>VOCS</b>																										
1,1,1-TRICHLOROETHANE	2000	320	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	
1,1,2,2-TETRACHLOROETHANE	30	0.053	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	50	0.19	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	
1,1-DICHLOROETHANE	1100	80	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	70	35	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	
1,2-DICHLOROETHANE	50	0.12	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	50	0.16	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-BUTANONE	580000	700	3 U	3 U	3 U	3 U	15 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-HEXANONE	null	null	3 U	3 U	3 U	3 U	15 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
4-METHYL-2-PENTANONE	41000	630	3 U	3 U	3 U	3 U	15 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
ACETONE	100000	550	13 J	10 J	6 U	6 U	30 U	17 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 J	30 U	6 U	48	6 U	18 J	6 U	6 U	6 U	6 U	6 U
BENZENE	500	0.34	0.5 U	0.5 U	0.5 U	0.5 U	37	0.5 U	0.5 U	28	0.5 U	0.5 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U						
BROMODICHLOROMETHANE	100	0.17	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	10000	8.5	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1000	0.85	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	4100	100	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	50	0.16	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	10000	11	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	
CHLORODIBROMOMETHANE	10000	0.13	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	90000	3.6	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	1000	0.15	0.8 U	0.8 U	0.8 U	0.8 U	4 U	11	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U						
CHLOROMETHANE	300	19	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	700	6.1	0.8 U	0.8 U	0.8 U	0.8 U	4 U	0.8 U	5 J	0.8 U	0.8 U	4 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U					
CIS-1,3-DICHLOROPROPENE	null	0.44	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	70000	130	0.8 U	0.8 U	0.8 U	0.8 U	48	0.8 U	0.8 U	71	0.8 U	0.8 U	0.8 U	0.8 U												
ISOPROPYLBENZENE	50000	66	2 J	3 J	1 U	1 U	5 U	1 U	26	1 U	1 U	1 U	1 U	1 U	1 U	8 J	1 U	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
METHYL TERT-BUTYL ETHER	200	2.6	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
METHYLENE CHLORIDE	500	4.1	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
STYRENE	10000	160	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYL ALCOHOL	null	null	10 U	11 J	10 U	10 U	50 U	10 U	22 J	10 U	10 U	1														

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<b>SVOCs</b>																									
1,2,4-TRICHLOROBENZENE	44000	0.72	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
1,2-DICHLOROBENZENE	60000	27	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
1,3-DICHLOROBENZENE	60000	18	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
1,4-DICHLOROBENZENE	7500	0.47	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,2'-OXYBIS(1-CHLOROPROPANE)	30000	0.26	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,4,5-TRICHLOROPHENOL	1000000	370	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,4,6-TRICHLOROPHENOL	31000	6.1	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,4-DICHLOROPHENOL	20000	11	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,4-DIMETHYLPHENOL	2000000	73	3 UR	3 U	3 UR	1700	3 U	77	3 U	3 UR	3 U	3 UR	3 U	450	3 U	3 U	14 U	3 U	3 U	3 U	3 U	3 U	NT		
2,4-DINITROPHENOL	410	7.3	10 UR	10 U	10 UR	12 U	10 U	11 UR	10 U	10 U	11 UR	10 U	9 U	10 U	10 U	48 U	10 U	NT							
2,4-DINITROTOLUENE	8400	7.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2,6-DINITROTOLUENE	100000	3.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2-CHLORONAPHTHALENE	8200	49	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NT		
2-CHLOROPHENOL	40	3	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2-METHYLNAPHTHALENE	2000	2.4	1 U	1 U	1 U	1 U	1 U	4300	1 U	2 J	1 U	1 U	1 U	4 J	1 U	3400	1 U	1 U	6 J	2 J	6	1 U	1 U	NT	
2-METHYLPHENOL	510000	180	1 UR	1 U	1 U	1 UR	14	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	56	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT	
2-NITROANILINE	5.8	11	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
2-NITROPHENOL	820000	null	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
3,3'-DICHLOROBENZIDINE	3100	0.15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NT		
3-NITROANILINE	5.8	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
4,6-DINITRO-2-METHYLPHENOL	null	0.37	5 UR	5 U	5 U	5 UR	6 U	5 U	5 UR	5 U	5 U	5 UR	5 U	5 U	5 U	5 U	24 U	5 U	5 U	5 U	5 U	5 U	NT		
4-BROMOPHENYL PHENYL ETHER	null	null	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
4-CHLORO-3-METHYLPHENOL	510	null	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	1 U	1 UR	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
4-CHLOROANILINE	410	15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
4-CHLOROPHENYL PHENYL ETHER	null	null	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NT		
4-METHYLPHENOL	510000	18	2 UR	2 U	2 U	2 UR	23	2 U	2 UR	2 U	2 U	2 UR	2 U	2 U	49	2 U	2 U	10 U	2 U	2 U	2 U	2 U	NT		
4-NITROANILINE	5.8	3.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
4-NITROPHENOL	60000	null	10 UR	10 U	10 UR	12 U	10 U	11 UR	10 U	10 U	11 UR	10 U	9 U	10 U	10 U	48 U	10 U	NT							
ACENAPHTHENE	3800	37	1 U	1 U	1 U	1 U	36	1 U	40	1 U	1 U	1 U	1 U	0.9 U	170	1 U	1 U	5 U	1 J	1 U	1 U	1 U	NT		
ACENAPHTHYLENE	16000	null	1 U	1 U	1 U	1 U	13	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	21	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
ANTHACENE	66	180	1 U	1 U	1 U	1 U	17	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	30	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
BENZO(A)ANTHACENE	11	0.092	1 U	1 U	1 U	1 U	9	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	2 J	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
BENZO(A)PYRENE	3.8	0.0092	1 U	1 U	1 U	1 U	4 J	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 J	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		
BENZO(B)FLUORANTHENE	1.2	0.092	1 U	1 U	1 U	1 U	5 J	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 J	1 U	1 U	5 U	1 U	1 U	1 U	1 U	NT		